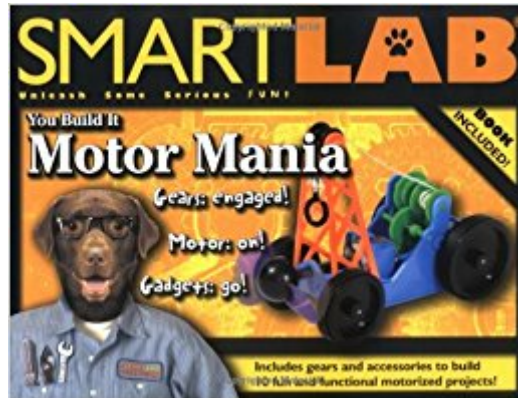


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# You Build It: Motor Mania (Smartlab)



## Synopsis

Includes everything kids need to build 10 fun and functional motorized projects! Kids can create a drink stirrer, a hypnoticon, a fan, a game spinner, a car, a tram, a winch, a conveyor, a crane, and a trunktor.

## Book Information

Series: Smartlab

Paperback: 40 pages

Publisher: Becker & Mayer (February 23, 2006)

Language: English

ISBN-10: 1932855343

ISBN-13: 978-1932855340

Product Dimensions: 8.5 x 3.3 x 11.1 inches

Shipping Weight: 1.3 pounds

Average Customer Review: 2.7 out of 5 stars 4 customer reviews

Best Sellers Rank: #6,287,145 in Books (See Top 100 in Books) #55 in [Books > Teens >](#)

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## Customer Reviews

We bought this toy for my son as a summer reading award. He read eight books to earn this toy, and was really looking forward to it. This afternoon, we took it out of the box, assembled the chassis, and started with the first project in the book - the drink stirrer. The motor made a strange sound, and our new battery died within seconds. Thinking this was a fluke, we tried again with another battery. Same thing. We then tried again with a battery from another package, after verifying that the battery worked in another device. Same thing. We went online to check some reviews, and we learned that other people have had the same problem. Apparently the gears are not lined up correctly, causing the motor to run hot and burn out the battery within seconds. In fact, the battery compartment itself is too hot to handle now. My son would like to add, "Never buy it. It burns up, it does not work very well, it's terrible." We are now heading to the local teacher supply store to find a better toy. Don't waste your money on this one.

This item was bought as a gift for my grandson on his 5th birthday. He loves anything with wheels,

and its time for him to begin to understand the basic underlying principles that actually make them go. This kit looked ideal to not only provide that understanding but also yield a creative toy that could be enjoyed repeatedly. Unfortunately, the gear that meshes with the motor's worm gear was cast slightly eccentric (off center), and tended to bind at one point of its rotation enough to seriously limit the power output capability of the drive train. Shimming the motor didn't solve the problem, as it was always too near or too far from the miscast gear at some point. Modifying the gear with an Xacto knife finally achieved acceptable performance, but would probably be beyond the ability of the average parent, and certainly a 5 year old. Hopefully the manufacturer will correct this serious flaw to enable the kit to fulfill its true potential.

My 10-year-old son would like to do the review:"First when I started to build this I thought it would be very fun but it turned out to be very stressful. It was really hard to put the wheel on and when I did, it was impossible to get it back off. Lots of pieces just kept falling off. The motor barely worked."

Good product for children. The only drawback that the batteries are not included and it is not indicated.

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You Build It: Motor Mania (Smartlab) You Control It: Skeletal Hand (SmartLAB) Fine Motor Fun: Hundreds of Developmentally Age-Appropriate Activities Designed to Improve Fine Motor Skills (Key Education) Busy Toddler, Happy Mom: Over 280 Activities to Engage your Toddler in Small Motor and Gross Motor Activities, Crafts, Language Development and Sensory Play 2018 Rand McNally Deluxe Motor Carriers' Road Atlas (Rand McNally Motor Carriers' Road Atlas Deluxe Edition) Checkered Flag Cheater: A Motor Novel (Motor Novels) Bodybuilding: 48 Bodybuilding Secrets Proven To Help You Build Muscle, Build Strength And Build Mass In 30 Days Or Less (bodybuilding, fitness, strength training, bodybuilding training) Where You Go Is Not Who You'll Be: An Antidote to the College Admissions Mania Build Your Own AR-15 Rifle: In Less Than 3 Hours You Too, Can Build Your Own Fully Customized AR-15 Rifle From Scratch...Even If You Have Never Touched A Gun In Your Life! Architectural Birdhouses:: If You Can Build a Box, You Can Build a Great Birdhouse How to Build a Permanent Magnet Generator from AC-Asynchronous ( induction) Motor or Car Alternator: Make your own power plant Kinetic Contraptions: Build a Hovercraft, Airboat, and More with a Hobby Motor Build-Your-Own Toolbox 1-2-3 (Home Depot Build-Your-Own 1-2-3) Amazing Leonardo da Vinci Inventions: You Can Build Yourself (Build It Yourself) GREAT WORLD WAR II PROJECTS: YOU CAN BUILD YOURSELF (Build It Yourself)

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